

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME: RESOURCE Seeds, Juc.

DICCES, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE SHIT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR RITING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE DURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

TRITICALE

'98

In Testimonn Thereof, I have hereunto set my hand and caused the seal of the Hant Haristy Frotestion Office to be affixed at the City of Washington, D.C. this seventh day of September, in the year two thousand and seven.

Allest:

Donzeni

Commissioner Plant Variety Protection Office Agricultural Marketing Service



U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE (Instructions and information collection burden statement on reverse)			7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).				
1. NAME OF OWNER 2.			TEMPORARY DESIGNATION C EXPERIMENTAL NAME 00TV60147	R 3. VA	3. VARIETY NAME 98		
			5.	TELEPHONE (include area code	,	FOR OFFICIAL USE ONLY	
2280 Hecker Pass Highway			6.	408/847-1051 FAX (include area code) 408/847-0604		NUMBER 200500303 G DATE	
7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) Corporation 8. IF INCORPORATED, GIVE STATE OF INCORPORATION California				October 1, 1990	SE	PTEMBER 25, 2006	
10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. (First person Dr. George Fohner Resource Seeds, Inc. P.O. Box 1319 Gilroy, CA 95021			irst person	listed will receive all papers)	FEES RECE!VE	FILING AND EXAMINATION FEES: \$ 4, 382-00 DATE 9 25706 CERTIFICATION FEE: \$ 768.92	
	T				D	DATE 7/31/2007	
11. TELEPHONE (Include area code) 408/847-1051	12. FAX (Includ	e area code) 08/847-0604		13. E-MAIL	recour	eseeds.com	
14. CROP KIND (Common Name)	16. FAMILY NA			18. DOES THE VARIETY CON			
Triticale	Gı	raminaceae	ŀ	☐ YES ☑ NO			
15. GENUS AND SPECIES NAME OF CROP Triticosecale 17. IS THE VARIETY A FIRST GENERATION HYBRID? □ YES ☑ NO			BRID?	IF SO, PLEASE GIVE THE ASSIGNED USDA-APHIS REFERENCE NUMBER FOR THE APPROVED PETITION TO DEREGULATE THE GENETICALLY MODIFIED PLANT FOR COMMERICALIZATION.			
(Follow instructions on reverse) a.	iety Variety (Optional) e Owner's Ownersh sit ed seeds or, for tub it maintained in en a lade payable to "Tr tion Office) ITED MATERIAL) of OF, TRANSFERF FIRST SALE, DISP NCES. (Please us c seed of the variet	er propagated varieties, verification approved public repository) easurer of the United OR A HYBRID PRODUCED RED, OR USED IN THE U. S. OR OSITION, TRANSFER, OR USE to space indicated on reverse.)	ion and wi	☐ YES (If "yes", answer 21. DOES THE OWNER SPEC NUMBER OF CLASSES? ☐ YES ☐ NO IF YES, WHICH CLASSES 22. DOES THE OWNER SPEC NUMBER OF GENERATIO ☐ YES ☐ NO IF YES, SPECIFY THE NU ☐ FOUNDATION ☐ (If additional explanation is 24. IS THE VARIETY OR ANY INTELLECTUAL PROPER ☐ YES ☐ NO IF YES, PLEASE GIVE COL REFERENCE NUMBER. (F)	er items 21: IFY THAT S POPER	NDATION REGISTERED CERTIFIED EED OF THIS VARIETY BE LIMITED AS TO etc. FOR EACH CLASS. ED CERTIFIED Mease use the space indicated on the reverse.) ET OF THE VARIETY PROTECTED BY PLANT BREEDER'S RIGHT OR PATENT)? EE OF FILING OR ISSUANCE AND ASSIGNED Place indicated on reverse.)	
for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the deposited in a public repository and maintained for the deposited owner(s) is (are) the owner of this sexually reproduced or tuber propagated plant variety, and entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Owner(s) is (are) informed that false representation herein can jeopardize protection and result in penalties. SIGNATURE OPOVINER SIGNATURE OPOVINER SIGNATURE OPOVINER			d for the duriety, and b	ration of the certificate.		:	
George Fohner							
CAPACITY OR TITLE President	DATE	9 1/3/06	CAPACIT	Y OR TITLE	DATE		

GENERAL INSTRUCTIONS: To be effectively filed with the Plant Variety Protection Office (PVPO), ALL of the following items must be received in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E, F; (3) for a tuber reproduced variety, verification that a viable (in the sense that it will reproduce an entire plant) tissue culture will be deposited and maintained in an approved public repository; and (4) payment by credit card or check drawn on a U.S. bank for \$4,382 (\$518 filing fee and \$3,864 examination fee), payable to "Treasurer of the United States" (See Section 97.6 of the Regulations and Rules of Practice). NEW: With the application for a seed reproduced variety or by direct deposit soon after filing, the applicant must provide at least 3,000 viable untreated seeds of the variety per se, and for a hybrid variety at least 3,000 untreated seeds of each line necessary to reproduce the variety. Partial applications will be held in the PVPO for not more than 90 days; then returned to the applicant as un-filed. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. DO NOT use masking materials to make corrections. If a certificate is allowed, you will be requested to send a payment by credit card or check payable to "Treasurer of the United States" in the amount of \$768 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. The fees for filing a change of address; owner's representative; ownership or assignment; or any modification of owner's name is specified in Section 97.175 of the regulations. (See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)

Plant Variety Protection Office

Telephone: (301) 504-5518

FAX: (301) 504-5291

General E-mail: PVPOmail@usda.gov Homepage: http://www.ams.usda.gov/science/pvpo/PVPindex.htm 200600303

SPECIFIC INSTRUCTIONS:

To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority and provide evidence that the permanent name of the application variety (even if it is a parental, inbred line) has been cleared by the appropriate recognized authority before the Certificate of Protection is issued. For example, for agricultural and vegetable crops, contact: U.S. Department of Agriculture, Agricultural Marketing Service, Livestock and Seed Programs, Seed Regulatory and Testing Branch, 801 Summit Crossing Place, Suite C, Gastonia, North Carolina 28054-2193 Telephone: (704) 810-8870. http://www.ams.usda.gov/lsg/seed.htm.

ITEM

- 19a. Give:
- (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
- (2) the details of subsequent stages of selection and multiplication;
- (3) evidence of uniformity and stability; and
- (4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- 19b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:
 - (1) identify these varieties and state all differences objectively;
 - (2) attach replicated statistical data for characters expressed numerically and demonstrate that these are clear differences; and
 - (3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.
- 19c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- 19d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 19e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.
- 20. If "Yes" is specified (seed of this variety be sold by variety name only, as a class of certified seed), the applicant MAY NOT reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (See Regulations and Rules of Practice, Section 97.103).
- 23. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
- 24. See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.
- 22. CONTINUED FROM FRONT (Please provide a statement as to the limitation and sequence of generations that may be certified.)
- 23. CONTINUED FROM FRONT (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)
 - USA, November 2005. Prior to November 2005, only used for field tests and seed multiplication under the supervision and control of Resource Seeds. Inc.
- 24. CONTINUED FROM FRONT (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 1.4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

TRITICALE '98'

Z00606303

Exhibit A. Origin and breeding history of the variety.

Triticale "98" (00TV60147) results from the cross of a female parent designated SS193-5/TCL26-1 and male parent MZ4/XT419/3/PIKA"S"/YOGUI"S" /LT978.82/ASAD"S"// TARASCA87//PND6/CMH77A.1165. The cross was made in 1997. The male parent results from a rather complex series of crosses. The order in which the crosses were made is the key to understanding how the male parent was obtained. The first cross is PND6 with CMH77A.1165. A plant selection from this cross was made and crossed with the variety Tarasca 87 (cross#2). A plant derived from this cross was made to a plant selection from the cross of Pika"S"/Yogui"S"//LT978.82/Asad"S". This was the third cross in the series. And finally, the last cross (#4) was made between the third series cross plant selection and the MZ4/XT419 parent plant. Lastly, the resultant male parent plant from the above crosses was hybridized to the female plant selection from the cross SS193-5 by TCL 26-1.

SS193-5 is a triticale selection resulting from the cross A-206/YOGUI/DRIRA made in Hollister, Ca. in 1986. TCL26-1 is a CIMMYT triticale named Arancaria. On the male side of the cross, MZ4 is a winter triticale from Oregon State University; XT419 is a selection from the cross X28486/A876OT made in 1986. X28486 is a winter triticale and A876OT is a spring type. The remainder of the parentage comes from the International Maize and Wheat Improvement Center (CIMMYT).

The resultant F1 and subsequent generations were advanced using the pedigree method of selection practiced at both Woodland and Gonzales, California.

An F4 generation head row, from an F3 derived plant selection was bulk harvested and yield tested in the California Central Valley in 2000 (see Table A1 for a summary of selection criteria). This experimental line was selected for further testing and designated as variety number 00TV60147. The complete genealogy is SS193-5/TCL26-1//MZ4/XT419/3/PIKA"S"/YOGUI"S"//PND6/CMH77A.1165/CM.

The seed purification program for 00TV60147 was begun in 2001 whereupon 24 heads were taken from yield trial plots. From the 24 head rows, four were selected, based on yield trial performance data. These head rows were bulked to become the seed stock for what was designated as triticale "98". Pre-breeder seed was produced in 2003, followed by Breeder in 2004 and Foundation in 2005.

Triticale 98 has been phenotypically stable and uniform through four generations of seed multiplication. Taller variants have been noted at a frequency of not more than 0.5%.

TRITICALE '98'



Exhibit A. Origin and breeding history of the variety. (continued)

Table A1. Selection Criteria

Generation	Criteria for Selection
P1 x P2	None
F1	None
F2 through F5	Select for resistance or tolerance to diseases: Stripe rust Septoria leaf blotch Barley yellow dwarf virus Leaf rust Select for: High tiller number Leafiness Good grain fill Early maturity Select against: Lodging
F6 & F7	Select for: High forage yield High seed yield Reduced lodging Little or no disease Early maturity

TRITICALE '98'

Exhibit B. Statement of Distinctness

Triticale 98 is most similar to the triticale variety, "96", but differs from it in the following traits:

	98	96
<u>TRAIT</u>		
Plant color at boot	Blue Green	Green
Anthocyanin in stem	Absent	Present
Head density	Mid-dense	Lax
Auricle color	White	Purple

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing end reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parantal status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotepe, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY PLANT VARIETY PROTECTION OFFICE BELTSVILLE, MD 20705 EXHIBIT C

OBJECTIVE DESCRIPTION OF VARIETY TRITICALE (X Triticosecale Wittm.)

	TRITICALE (A THUCOSECULE	vvictiri.)	
NAME OF APPLICANT (S) RESOURCE SEEDS, INC.	TEMPORARY OR EXPERIMENTAL DESIGNATION 00TV60147	VARIETY NAME	98
ADDRESS (Street and No. or RD No., City, State, Zip Code, at	nd Country)	FEOT OFFICE A	oria di Sala
P.O. BOX 1319, GILROY, CA	A 95021	PVPO NUMBER	200600303
PLEASE READ ALL INSTRUCTIONS CAREFUL Place a zero in the first space (e.g. <u>0 9</u> or <u>0 9 9)</u> w	LY: Place the appropriate number that describes then number is either 99 or less or 9 or less response.	s the varietal character ectively.	of this variety in the spaces below.
1. GROWTH HABIT			
1 = Spring 2 = Intermediate 3 = Winter			
Juvenile Plant Growth: 1 = Prostrate 2 = -	Semi-Prostrate 3 = Erect		
Photoperiod: 1 = Insensitive 2 = Sensitive	9		
2. PLOIDY			
1 = Hexaploid 2 = Octoploid 3 = Other (Specify)		ŧ
$\frac{4}{2}$ 2n Chromosome Number			•
3. MATURITY	,		
1 = Very Early 2 = Early 3 = Mid-Season	4 = Late 5 = Very Late		
1 O Days Earlier Than 105			
Same as Check	•		
Days Later Than			· :
4. HEIGHT			: - -
. 3 1= Dwarf 2 = Semi-Dwarf 3 = Short	4 = Mid-Tall 5 = Tall		
<u>977</u> cm High	`		
16 cm. Shorter Than 105	· *		
Same as Check	•		
cm. Taller Than			
* Relative to a Commercial Variety Grown in the Sa	ame Trial		

5. PLANT COLOR AT BOOT STAGE

3 1 = Yellow-Green 2 = Green 3 = Blue-Green

200000303

6. STEM

Anthocyanin: 1 = Absent 2 = Present

Neck Hairiness: 1 = None 2 = Slight 3 = Moderate 4 = Heavy

Shape of Neck: 1 = Straight 2 = Wavy 3 = Other (Specify)

7. LEAVES

2 Flag Leaf: 1 = Not Twisted 2 = Twisted

2 Waxy Bloom On Leaf At Boot: 1 = Absent 2 = Present

Leaf Carriage: 1 = Upright 2 = Recurved 3 = Drooping

22 cm Leaf Length (1st leaf below flag leaf)

15 mm Leaf Width (1st leaf below flag leaf)

Auricle Color: 1 = Colorless or White 2 = Purple 3 = Other (specify)

8. HEAD

 $\frac{2}{2}$ Density: 1 = Lax 2 = Mid-dense 3 = Dense

Shape: 1 = Fusiform 2 = Oblong 3 = Clavate 4 = Elliptical 5 = Other (Specify)

Awnedness: 1 = Awnless 2 = Apically Awnletted 3 = Awnletted 4 = Awned

2 Awn Color: 1 = White 2 = Yellow 3 = Tan 4 = Brown 5 = Black

_____cm Head Length

13 mm Head Width

9. GLUMES AT MATURITY

3 Pubescence: 1 = Glabrous 2 = Slightly Pubescent 3 = Pubescent

3 Color: 1 = White 2 = Yellow 3 = Tan 4 = Brown 5 = Black

3 Length: 1 = Short 2 = Mid-Long 3 = Long

Width: 1 = Narrow 2 = Mid-Wide 3 = Wide

4 Shoulder: 1 Wanting 2 = Oblique 3 = Rounded 4 = Square 4 = Elevated 6 = Apiculate

3 Beak: 1 = Obtuse 2 = Acute 3 = Acuminate

10. COLEOPTILE COLOR

____ 1 = White 2 = Green 3 = Purple

11. SEED

3 Shape: 1 = Ovate 2 = Oval 3 = Elliptical

2 Smoothness: 1 = Smooth 2 = Slightly Wrinkled 3 = Wrinkled

2 Brush Area: 1 = Small 2 = Mid-Size 3 = Large

2 Brush Length: 1 = Short 2 = Mid-Long 3 = Long

Phenol Reaction: 1 = Ivory 2 = Fawn 3 = Light-Brown 4 = Brown 5 = Brown-Black

Color: 1 = White 2 = Amber 3 = Red 4 = Purple 5 = Black 6 = Other (Specify)

32 GMS Per 1,000 Seed up to 41 observed as function of grawing conditions

12. DISEASE (0 = Not Tested 1 = Su	sceptible 2 = Resistant 3 = Tolerant)	
O Stem Rust (Races)		ZOSAASAAS E
2 Stripe Rust (Races)	O Ergot	God the field of the field of the field
O Powdery Mildew	Bacterial Stripe	
3 Septoria	3 Yellow Dwarf	
Other (Specify)	Other (Specify)	
13. DISEASE (0 = Not Tested 1 = Sus	sceptible 2 = Resistant 3 = Tolerant)	
<u></u>	Hessian Fly Race:	
O Cereal Leaf Beetle	<u>Ø</u> gp <u>Ø</u> a <u>Ø</u> b <u>Ø</u> c	
Other (Specify)	<u> </u>	
14. INDICATE WHICH VARIETY MOS	T CLOSELY RESEMBLES THAT SUBMITTED	
Character	Variety	

REFERENCES

Seed Shape

Plant Tillering

Winter Hardiness

Area Of Adaptation

L. W. Briggle and L. P. Reitz, 1963, Classification of Triticum Species and Wheat Varieties Grown in the United States, Technical Bulletin 1278, USDA.

105

96

96

W. E. Walls, 1965, <u>A Standardized Phenol Method for Testing Wheat Seeds for Varietal Purity</u>, Contribution No. 28 to the handbook of seed testing prepared by the Association of Official Seed Analysts.

COMMENTS

Additional Narrative Description of Triticale 98

Triticale "98", currently marketed as one of the TRICAL® brand of forage triticale, is a spring-type, awned triticale that is fall-planted in the San Joaquin Valley of California. Its juvenile growth is erect, and at boot stage 98 is blue green, with leaves having a waxy bloom. Auricles are white or colorless. Flag leaf is twisted and leaf carriage is upright. Stems of 98 do not have anthocyanin, and its necks are wavy with heavy hairiness. Heads are middense and fusiform, with yellow awns. Glumes are tan and pubescent, with square shoulder and acuminate beak. Seed of 98 is typically slightly wrinkled, amber, elliptical, with a brush that is midsize and midlong.

Triticale 98 is adapted to the San Joaquin Valley of California and will be marketed there for production of silage harvested in the soft dough stage, for which grain yield is a key attribute.

2004 UC REGIONAL	COMMON W	HEAT A	ND TRITICAL	LE TEST				
Name	LOCATIONS							
	Delta		Madera		Kings		Kern	
		% of				% of		% of
		105		% of 105		105		105
	LBS/ACRE	Check	LBS/ACRE	Check	LBS/ACRE	Check	LBS/ACRE	Check
YECORA ROJO	240	12%	2460	77%	3050	61%	2920	50%
SUMMIT	4180	201%	4030	127%	6880	139%	6910	119%
TRICAL® Brand 105	2080	100%	3180	100%	4960	100%	5830	100%
TRICAL 96	3250	156%	3020	95%	6900	139%	6210	107%
TRICAL 111	4010	193%	3050	96%	5330	107%	4990	86%
TRICAL 118	5790	278%	4430	139%	7660	154%	6250	107%
TRICAL 116	4350	209%	3160	99%	6730	136%	6130	105%
TRICAL 98	1730	83%	3890	122%	6110	123%	6880	118%
CV	25.7		11.8		13.4		8.2	
LSD (.05)	930		590		970		660	

PRELIMINARY YIELDS (LB/ACRE), 2005 UC REGIONAL WHEAT AND TRITICALE TESTS

NAME	LOCATIONS							
	SAC/SJ DELTA FR		RESNO	NO KINGS			KERN	
		% of 105		% of 105		% of 105		% of 105
	LBS/ACRE	Check		Check		Check		Check
YECORA ROJO	2478	42%	4600	82%	3762	86%	3957	70%
SUMMIT	6034	102%	5595	99%	5464	125%	6482	114%
TRICAL® Brand 105	5915	100%	5627	100%	4382	100%	5681	100%
TRICAL 96	7042	119%	5152	92%	7403	169%	7003	123%
TRICAL 118	7887	133%	5739	102%	8166	186%	7683	135%
TRICAL 116	7659	129%	5931	105%	6405	146%	7060	124%
TRICAL 98	7431	126%	6413	114%	6247	143%	6253	110%
CV	8.8		14.1		8.8		8.7	
LSD (.05)	610		1020		540		610	

REPRODUCE LOCALLY. Include form number and edition date on all	reproductions. F	ORM APPROVED - OMB No. 0581-0055				
U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE EXHIBIT E STATEMENT OF THE BASIS OF OWNERSHIP Application is required in order to determine if a plant variety procentificate is to be issued (7 U.S.C. 2421). The information is hell confidential until the certificate is issued (7 U.S.C. 2426).						
1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME				
Resource Seeds, Inc.	98TV46506	116				
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country)	5. TELEPHONE (include area code)	6. FAX (Include area code)				
P.O. Box 1319	(408) 847-1051	(408) 847-0604				
Gilroy, CA 95021	7. PVPO NUMBER	20050030				
8. Does the applicant own all rights to the variety? Mark an "X" in the	l e appropriate block. If no, please expla	in. YES NO				
9. Is the applicant (individual or company) a U.S. national or a U.S. b	ased company? If no, give name of co	ountry. YES NO				
10. Is the applicant the original owner? YES	NO If no, please answer one	of the following:				
a. If the original rights to variety were owned by individual(s), is (YES b. If the original rights to variety were owned by a company(ies), YES YES	NO If no, give name of count is (are) the original owner(s) a U.S. bas	sed company? y				
11. Additional explanation on ownership (Trace ownership from origin	ial breeder to current owner. Ose the re	verse for extra space if freeded).				
PLEASE NOTE:	<u> </u>					
Plant variety protection can only be afforded to the owners (not licens	ees) who meet the following criteria:					
 If the rights to the variety are owned by the original breeder, that penational of a country which affords similar protection to nationals of 						
If the rights to the variety are owned by the company which employ nationals of a UPOV member country, or owned by nationals of a genus and species.						
3. If the applicant is an owner who is not the original owner, both the	original owner and the applicant must m	eet one of the above criteria.				
The original breeder/owner may be the individual or company who directed the final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definitions.						

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 9581-9055. The time required to complete this information collection is estimated to average 0.1 hour per response, including the time for reviewing the instructions, searching existing data sources, gethering and maintaining the data needed, and completing and reviewing the collection of information.

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To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, D.C. 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provide and employer.

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U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY PLANT VARIETY PROTECTION OFFICE BELTSVILLE, MD 20705

EXHIBIT F
DECLARATION REGARDING DEPOSIT

	DEGLARATION REGARDING BEI GOTT			
NAME OF OWNER (S)	ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country)	TEMPORARY OR EXPERIMENTAL DESIGNATION		
Resource Seeds, Inc.	P.O. Box 1319	00TV60147		
	Gilroy, CA 95021	VARIETY NAME 98		
NAME OF OWNER REPRESENTATIVE (S) George Fohner	ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country)	FOR OFFICIAL USE ONLY		
	P.O. Box 1319 Gilroy, CA 95021	PVPO NUMBER C C C O O S O S		

I do hereby declare that during the life of the certificate a viable sample of propagating material of the subject variety will be deposited, and replenished as needed periodically, in a public repository in the United States in accordance with the regulations established by the Plant Variety Protection Office.

accordance with the regulations established by the Plant Variety Protection Office.

replemishment subject to provincture & availability of

Signature

Jate

9/8/06